

2026 Dryland Winter Forage Variety Performance Trial at Burlington

						Forage Quality ^a								
Brand/Source	Variety	Forage Species	Dry Matter	Moisture	Harvest Growth	RFQ	CP	Dry	aNDFom	NDFD30	TDN	NEL	NEG	Milk/Ton
			Yield ^b		Stage			Matter						
PlainsGold	Whistler	Wheat	3.3	37.9	Soft Dough	107	12.0	91.5	49	47	62	63	37	2648
Montana State Univ.	MT Cash	Wheat	2.6	35.0	Soft Dough	96	13.4	92.1	50	46	60	61	35	2522
TriCal Superior Forage	MTF1435	Wheat	2.3	37.0	Soft Dough	103	12.9	92.7	50	48	60	62	35	2596
PlainsGold	Amplify SF	Wheat	2.2	35.2	Soft Dough	99	13.4	93.3	50	46	61	63	36	2587
PlainsGold	Ray	Wheat	2.1	24.4	Soft Dough	96	13.9	92.6	51	48	59	60	34	2464
Oklahoma Genetics, Inc	OK Corral	Wheat	1.8	31.0	Soft Dough	100	13.5	93.1	51	48	60	61	34	2515
Average			2.4	33.4	-	100	13.2	92.6	50	47	60	62	35	2555
LSD (0.30) ^c			0.3											
LSD (0.05) ^c			0.6											
Coefficient of Variation (CV)			9.0%											

^aAll forage quality analyses results are dry basis values. CP=crude protein; RFQ=relative feed quality; aNDFom=ash free neutral detergent fiber; NDFD30=neutral detergent fiber digestibility at 30 hours; TDN=total digestible nutrients using OARDC; NEL=net energy for lactation using OARDC; NEG=net energy gain using OARDC; and Milk/ton=predicted amount of milk produced per ton of dry matter calculated using MILK2013.

^bHarvest at Burlington was targeted for the soft dough growth stage. Trial was planted on Sept. 19, 2025 and harvested on June 5th for most varieties and June 15th for Ray.

^cIf the difference between two variety yields equals or exceeds the LSD value, the difference is significant. Farmers selecting a variety based on yield should use the LSD (0.30) to protect from false negative decisions. Companies or researchers may be interested in the LSD (0.05) to avoid false positive conclusions.

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